

CLAIMS

941 1. (Amended) A low positive pressure canned food having an internal pressure inspection aptitude in which contents are filled and sealed in the seamless can having the body and a bottom thereof molded integrally so that can internal pressure assumes at least a low positive pressure state with respect to the outside atmospheric pressure, characterized in that the can internal pressure is in a range of from 0.2 to 0.8 kgf/cm² at room temperature, the bottom of said seamless can has an annular ground portion of which ground diameter is 70 to 90% of that of the can in the vicinity of an outer peripheral portion, the inside of said annular ground portion constitutes an internal rising wall which rises inwardly of the can, said internal rising wall being internally formed with a bottom wall having a substantially flat shape and a height of 0.5 to 6 mm from the ground surface, and the bottom of the internal rising wall of said annular ground portion is formed with an annular bead having a depth of 0.1 to 4 mm inwardly of the can from the surface of said bottom wall so as to have an internal pressure inspection aptitude.

2. The low positive pressure canned food according to claim 1, wherein said canned food is filled and sealed while the set internal pressure of said can internal pressure maintains the accuracy of ± 0.2 kgf/cm².

3. (Cancelled)

4. (Cancelled)

5. The low positive pressure canned food according to claim 1 or 2, wherein the content of said canned food comprises a low acid drink, and applied with retort sterilization processing after filling and sealing.

6. The low positive pressure canned food according to claim 1 or 2, wherein said canned food is that the can internal pressure is placed in a positive pressure state by a gas exchange method.

7. The low positive pressure canned food according to claim 1 or 2, wherein said internal pressure inspection aptitude comprises a tap test aptitude.

8. The low positive pressure canned food according to claim 1 or 2, wherein said internal pressure inspection aptitude comprises an internal pressure

inspecting aptitude by measurement of a displacement amount of an outer peripheral portion of canned food with respect to a change in internal pressure.

9. The low positive pressure canned food according to claim 1 or 2, wherein said internal pressure inspection aptitude comprises an internal pressure inspecting aptitude by measurement of a reaction of an outer peripheral portion of canned food with respect to a change in internal pressure.

Sub 12
10. (Amended) A can for low positive pressure canned food having an internal pressure inspection aptitude in which contents are filled and sealed so that can internal pressure assumes at least a low positive pressure state with respect to the outside atmospheric pressure, characterized in that the body and a bottom are seamlessly molded integrally, said bottom has an annular ground portion (3, 11, 21, 26, 31) of which ground diameter is 70 to 90% of that of the body in the vicinity of an outer peripheral portion, the inside of said annular ground portion constitutes an internal rising wall (4, 12, 22) which rises inwardly of the can, said internal rising wall being internally formed with a bottom wall (6, 14, 27, 34) having a substantially flat shape and a height of 0.5 to 6 mm from the ground surface, and the bottom of the internal rising wall (4, 12, 22) of said annular ground portion is formed to be projected with an annular bead (5, 13, 16, 23, 32) having a depth of 0.1 to 4 mm inwardly of the can from the surface of said bottom wall so as to have an internal pressure inspection aptitude.

11. (Cancelled)

Sub 13
12. (Amended) The can according to claim 10, wherein a diameter of a flat portion of the bottom is 60% to 90% with respect to said ground diameter.

13. (Amended) The can according to claim 10 or 12, wherein an angle of inclination of said internal rising wall (4, 12, 22) is 65° to 110° .

14. (Amended) The can according to claim 10 or 12, wherein said annular bead (5, 13, 16, 23, 32) has a gradually inclined portion continuous to the bottom wall from the top thereof.

15. (Amended) A low positive pressure can according to claim 10 or 12, wherein a wall thickness of the bottom is 0.15 to 0.25 mm in case of steel material and 0.25 to 0.35 mm in case of aluminum material.